

An Essay
on
Cynanche Parotidea.
submitted as
An Inaugural Thesis
To the Examination of
John M^cDonell L^DD^o Provost
The
Trustees and Medical Professors
of the
University of Pennsylvania
The Degree of Doctor of Medicine
Paul Hamilton of Charleston S.C.
1809.

An Essay &c. -

Cynanche Parotidea called in common language
Mumps, is among the most ancient diseases
that infest the human race: - Hippocrates
himself makes mention of it, nevertheless
few authors have treated of it with the accu-
racy which its occasional ravages would
seem to demand: - even the accurate Cullen
has passed by this Malady as insignificant.

Cynanche Parotidea is often
an epidemical pestilence, sometimes
endemic, never intercurrent and sel-
dom sporadic: It mostly attacks persons
between the years of puberty and adult age

Capítulo

que se ha de tener en cuenta al establecer
nuevas leyes para la administración
de la justicia, es la de que se ha de tener en cuenta
que la justicia no es una de las
potestades de los gobernantes, sino de los
pueblos, y que la administración de justicia
debe ser una de las más eficaces y más
económicas de las que se tienen en cuenta al
establecer las leyes para la administración
de la justicia.

and rarely ever after Forty, yet Doctor Hamilton in a paper published in the transactions of the Royal Society of Edinburgh mentions this circumstance as having occurred.

Young Children according to Dr. Cullen are not liable to it, all Authors are unanimous in declaring this disease contagious, and Dr. Hamilton never knew it to be contracted twice by the same person, however this incidence has taken place both in my own person, and others with whom I am acquainted - Dr. Hamilton saw the Measles epidemical twice in the City of Lynn, and they (I believe) have prevailed all over the United States, yet have never been known to

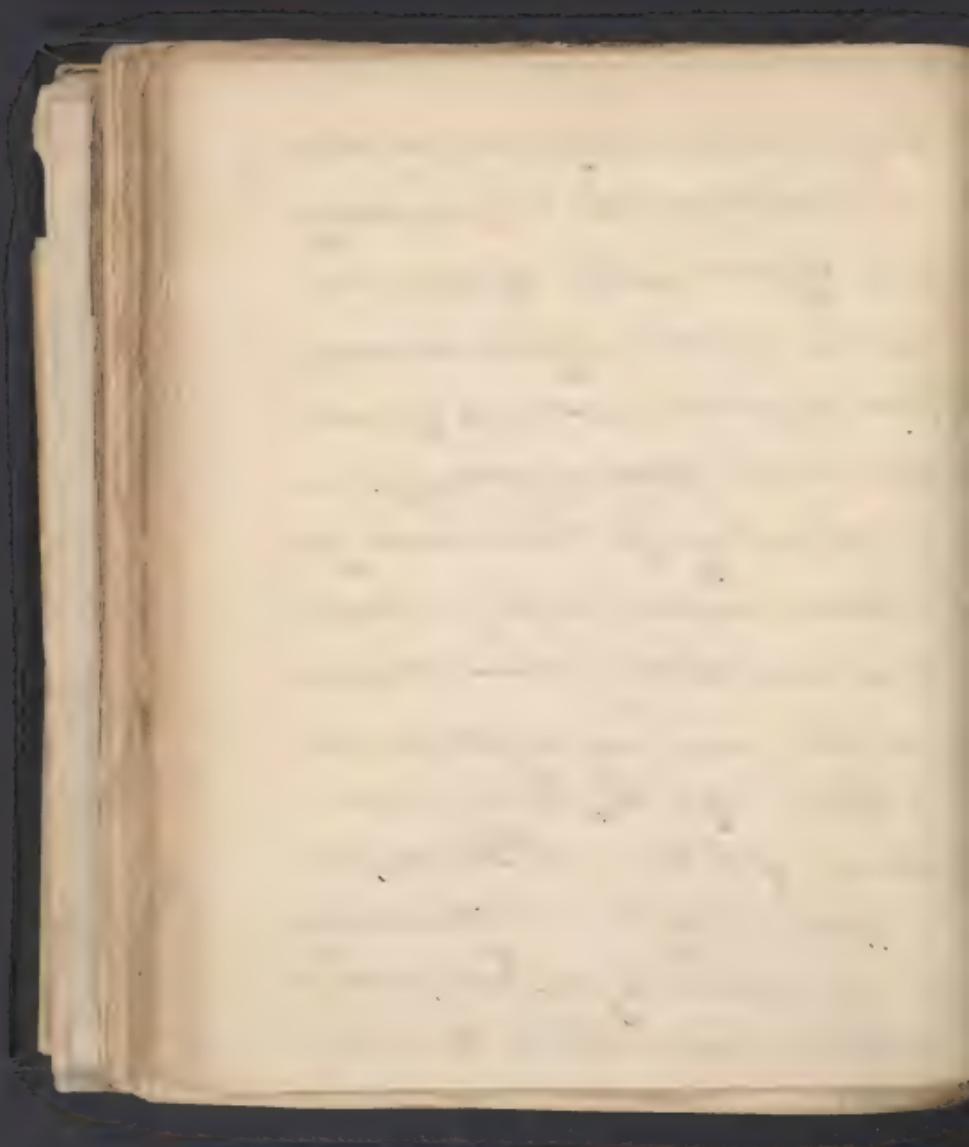
and by far the one from which
comes the most abundant material is an extremely
fine deposit of fine light brown
silicate sand which is well
sorted and of uniform particle size
representing the entire range of sizes from
the coarsest sand to the finest dust.
This material is derived from the
same sources as the fine sand
and consists of minute, perfectly rounded
silicate particles with no visible
minerals. It is derived from
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occur but in Spring and Autumn. - I believe
the remote cause of Cynanche Parotidea to
be a specific contagion, I found this belief
on the circumstance of its occurring in all
situations and places. I have heard of its
prevailing as well in the mountainous parts
of South Carolina, North Carolina, and Georgia
as in the lower lands of the same States; indeed
if the assertion of many from whom I have
derived intelligence be true, this complaint has
been no where restricted by situation or soil in
America. I cannot properly believe that any modi-
fication of Marsh Measrnata acting as a remote
cause on the constitution of man is adequate to the

production of Mumps, not even if the invisible
and insensible qualities of the air with the
difference of diet be taken into consideration,
however if the temperatures of the Seasons previous
to the prevalence of this disease as an epidemic
had been noticed, it would give great corrections
to our views on this Subject. —

The premonitory signs of this disease
are lassitude, heaviness and general restlessness
succeeded by slight Fever & rigors, swelling of one
or both parotid Glands with stiffness & obtuse
pain attend on every movement of the lower
jaw — The treatment should be rest, low diet
laxatives and vomits with an Opiate at night;

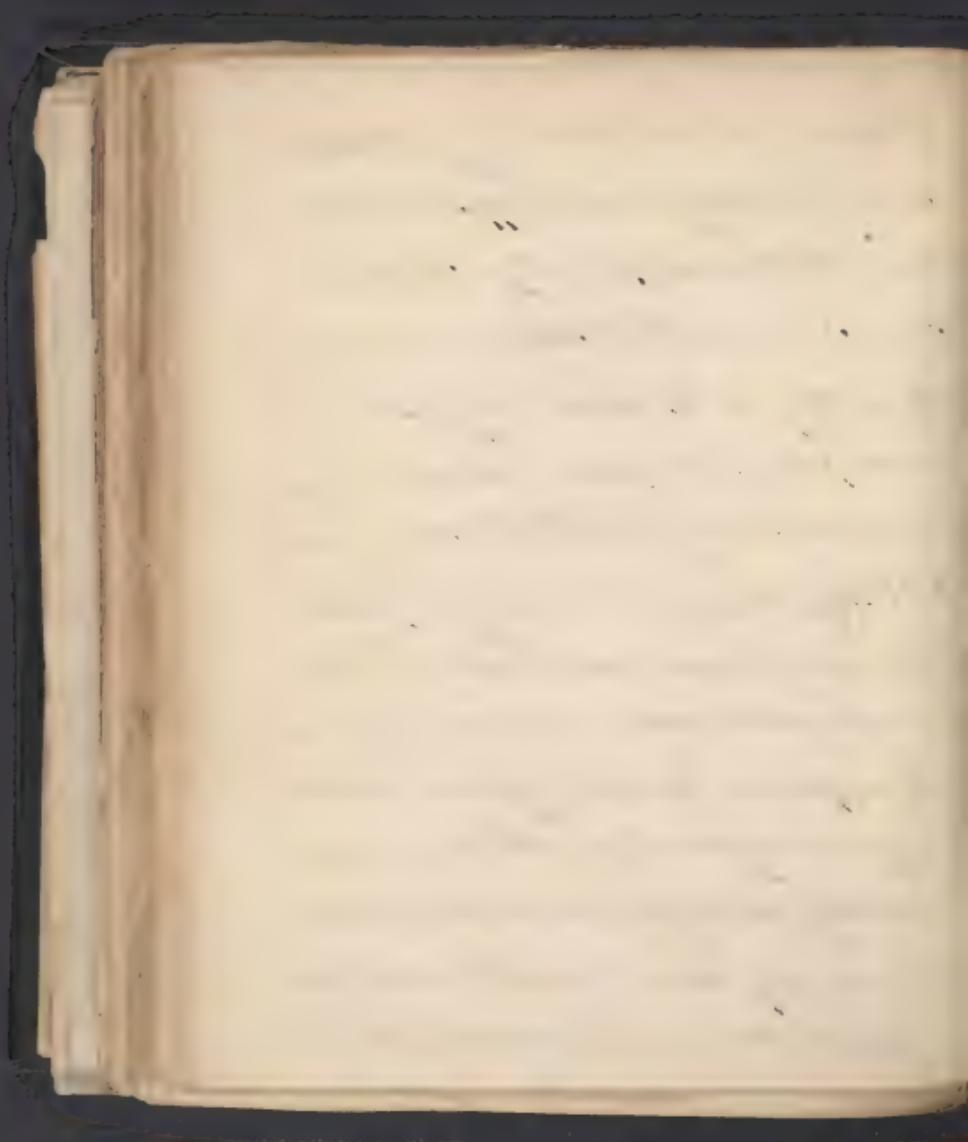
but if it has proceeded for several days the tumor in the glands extends to the neighbouring parts, the fever becomes high, the pulse is hard and tense, deglutition is difficult, the countenance florid and the tumor is sometimes of a natural colour, but often of a dusky erysipelatous appearance, & on the fourth day after the commencement of the tumefaction a discharge from the emunctories behind the ears occurs with tendency to sweat. It is remarkable that in common cases very little pain attends at this time. If on the fourth day a sudden subsidence of the tumor in the glands takes place, an apprehension may be immediately entertained of the morbid excitement being translated, if in men to the Testes - in women to the breasts - However should



the disease wear over the sixth day without the
occurrence no danger need be apprehended - The
case will terminate favourably - Remedies -

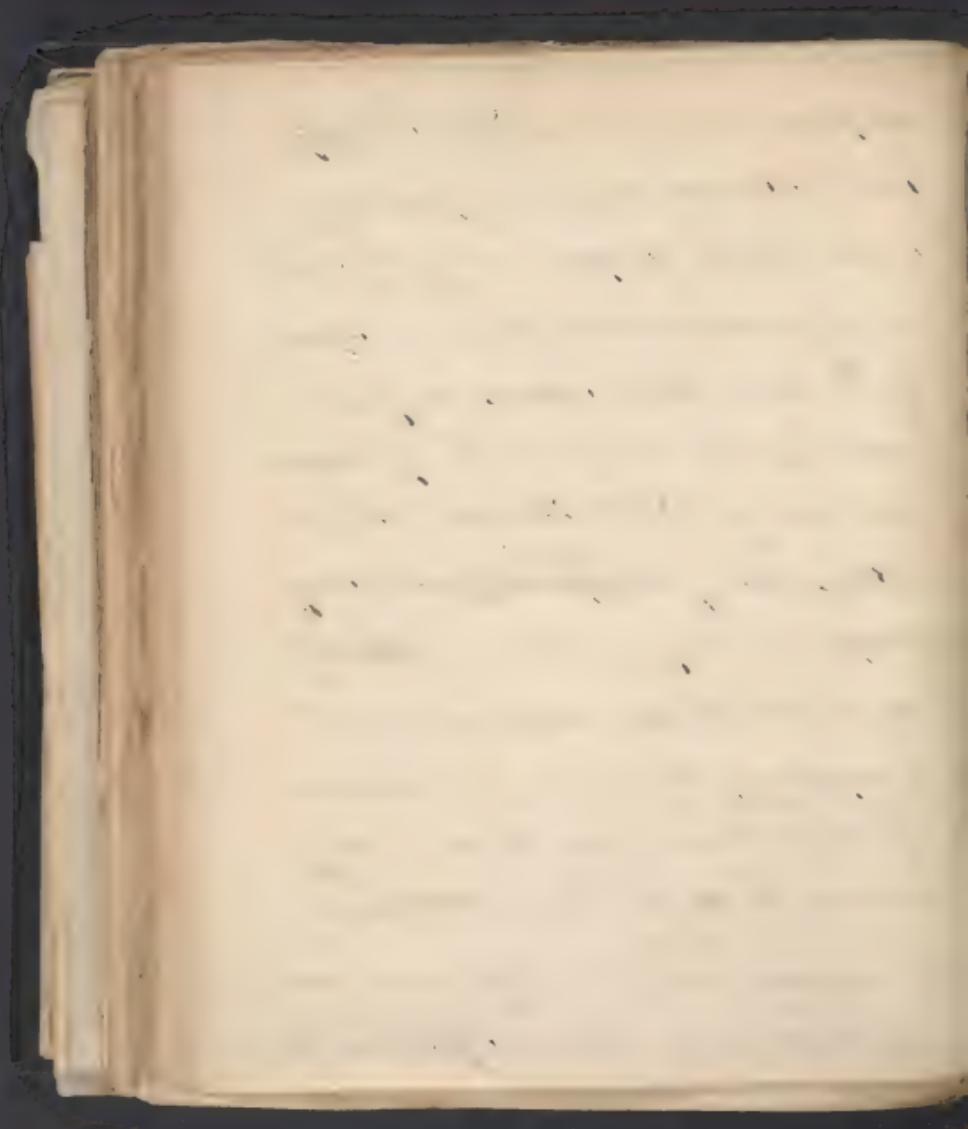
First: I concur with Dr. Rush in recommending
blood-letting in this disease in every instance where
the pulse is above par, or in other words indicate
it; notwithstanding what has been said against it.

Dr. Hamilton objects to bleeding in positive
terms and gives as a reason the case of a patient
in whom frantic delirium was induced by it in
his own practice: but this to my mind is not a
sufficient objection, because the Disease in all
probability was suffocated in that case - as a single
bleeding only served to unlock the Blood-vessels
whereas a second or third venesection would



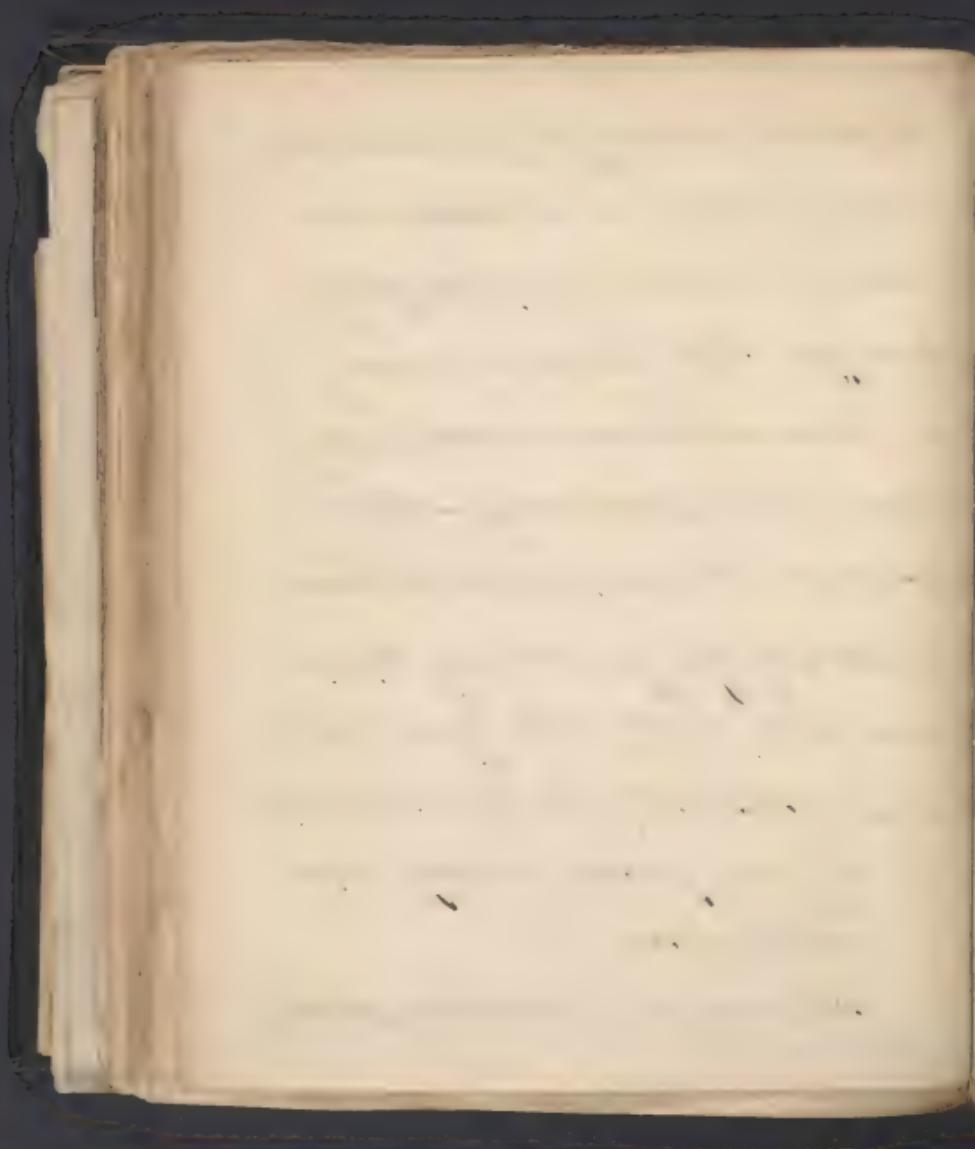
have produced a cure - Second - Drs Cullen, Ralph
Gooch & Hamilton all concur in prescribing
vomits. When the Symptoms run high they should
never be administered till after previous depletion
by the lancet. Third. Cathartics are of use in
certain cases, but should never be of the drastic
kind according to Doctor Hamilton. - Fourth.

Blisters, claim great ^{attention} ~~susceptibility~~ in the Case of
Mumps, indeed if we reflect how useful they
are, in all Glandular disorders, it would not
be surprising if they were here first resorted to -
Experience, however proves them too irritating
not only in this disease, but in all others where
the symptoms are of a very high grade. Consider-
ation should precede them - Issues have been

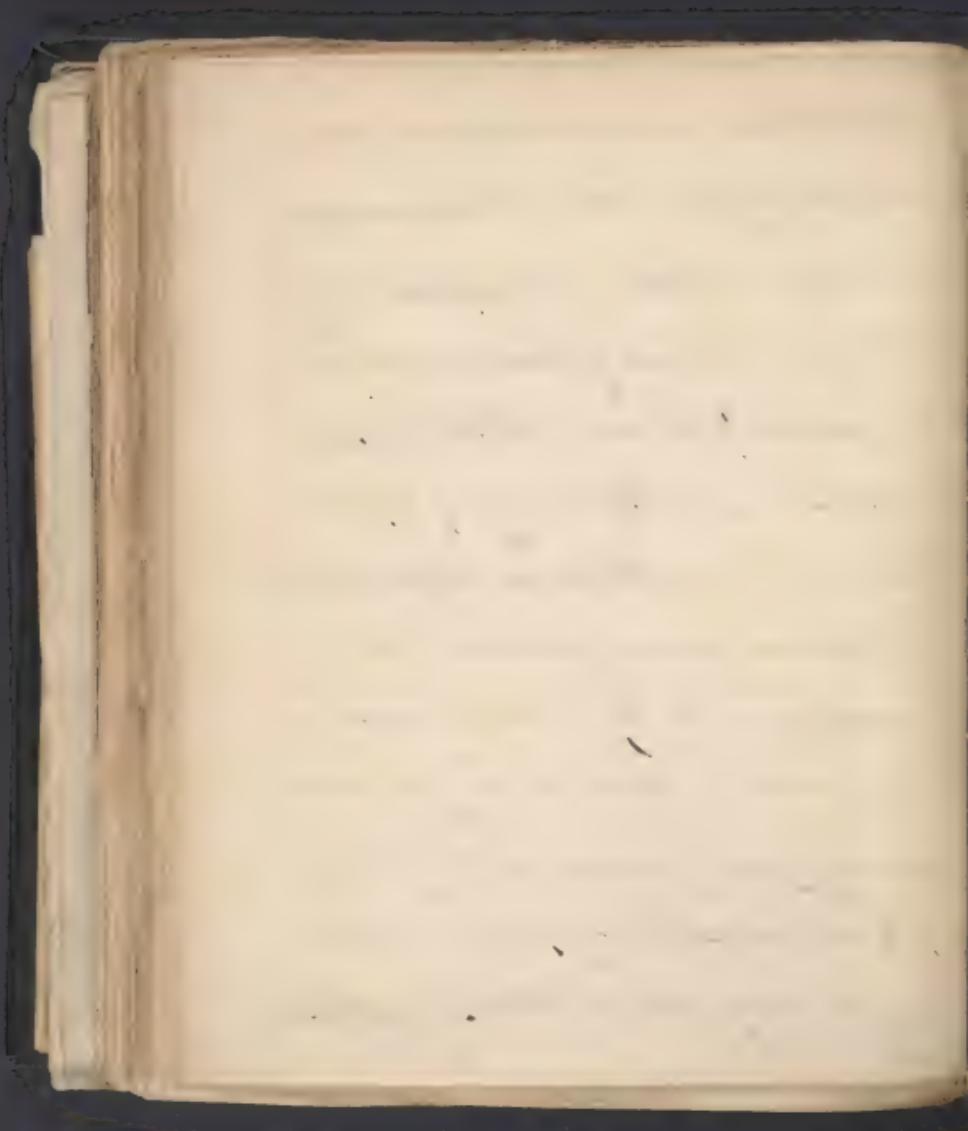


thought to be indicated by the aforementioned discharge from the emanctories, but I fear their excretion would overbalance any possible good they could effect - ^{Fourth} Sudorifics are advised by all Authors and their administration is certainly attended with happy consequences — ^{Nature} indeed points them out from about the third to the sixth Day, by a general tendency to perspiration which prevails with those affected with this disease - ^{Fifth} The parotid Gland should be kept warm by means of a Flannel bandage confined around the head of Jaws. —

It is worthy of remark that the parotid Glands



in this Disease have never been known to ulcerate; but they often remain indurated even for weeks after a cessation of the complaint in every other respect - In case of translated tumefaction in Gynaecological Parotidæas to the Testicles, I would advise immediate Blood-letting, if the pulse indicated it, and Blisters over the Parotid Glands to persons so situated fermentations have been recommended, but they are dangerous as the morbid excitement is often shifted thence to the Brain, inducing frantic delirium and convulsions, yet if by such means these symptoms were to occur my first remedy would be Blood-letting - and -



second Blister both to the parotid glands and testicles, meaning thereby to repel the morbid action.

When a translation of the tumefaction which Mumps occasions takes place in Women, it is reasonable to expect from a parallel of circumstances the ovaria will be affected, but this has never been known to happen, the Mamma always becoming swelled.

(*Yankee parotidia* sometimes produces the most horrid effects on Men by destroying the Testicles.

D^rs. Hamilton and Gooch relate at length several instances wherein this accident obtained, - The Testicles became completely abscessed and nothing remained but the Skeleton - Instances of this kind are not wanting in America, ~~exceeding~~



an illustrious American general
~~Washington~~ is said to have intimated a
susception of injury in this way - How much
then should a disease of this kind be attributed
to, since the greatest pleasures that pertain
to human nature might be so quickly absolu-
ted, and that too in a disease so easily re-
mediable -

Finis.



